

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144070.D
 Acq On : 24 Oct 2025 19:46
 Operator : RC/JU
 Sample : Q3406-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0037

Quant Time: Oct 27 11:05:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	35212	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	119944	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	51920	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	96978	20.000	ng	# 0.03
76) Chrysene-d12	14.092	240	109976	20.000	ng	# 0.04
86) Perylene-d12	15.562	264	145143	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	110546	49.669	ng	0.00
7) Phenol-d6	6.498	99	116349	47.335	ng	0.00
23) Nitrobenzene-d5	7.439	82	70446	32.178	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	35770	54.085	ng	0.02
45) 2-Fluorobiphenyl	9.233	172	119981	32.519	ng	0.00
79) Terphenyl-d14	13.039	244	167894	26.689	ng	0.04

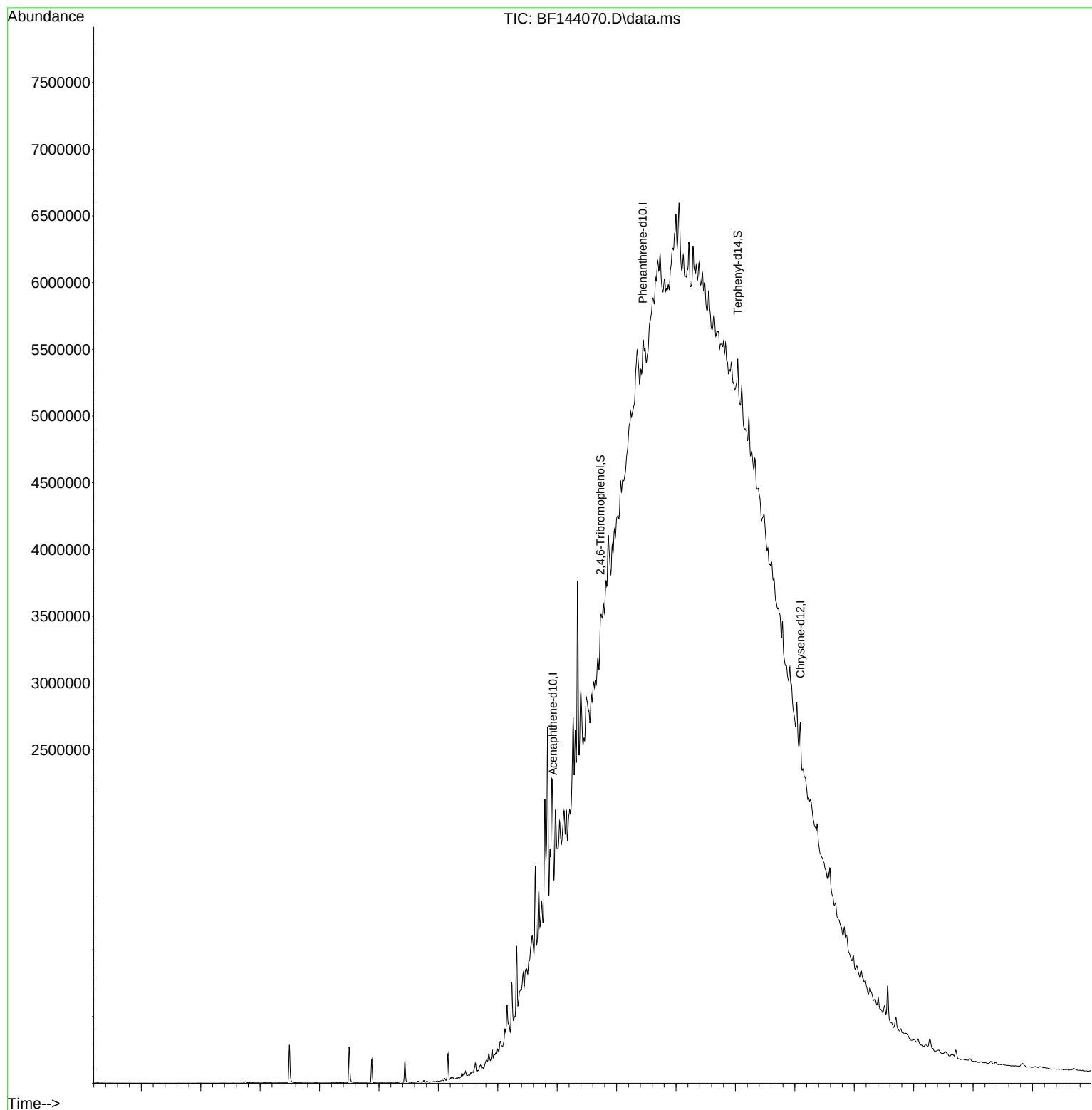
Target Compounds Qvalue

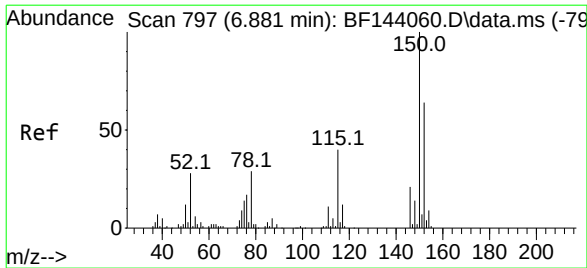
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144070.D
Acq On : 24 Oct 2025 19:46
Operator : RC/JU
Sample : Q3406-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-0037

Quant Time: Oct 27 11:05:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

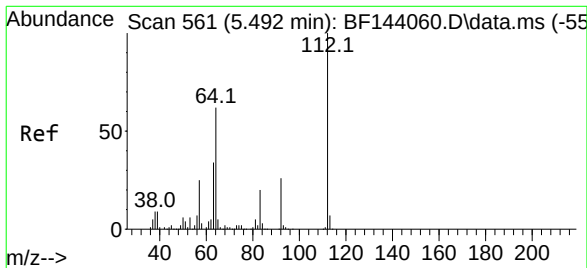
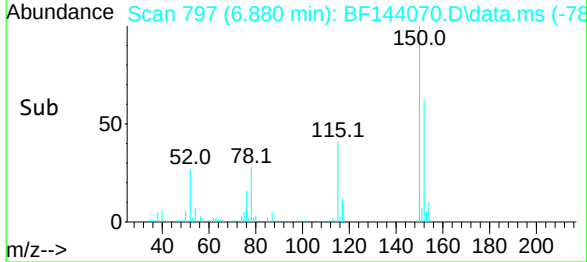
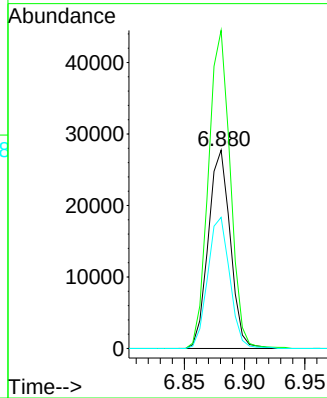
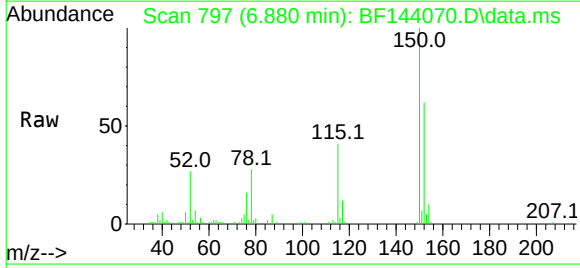




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.880 min Scan# 797
Delta R.T. -0.001 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

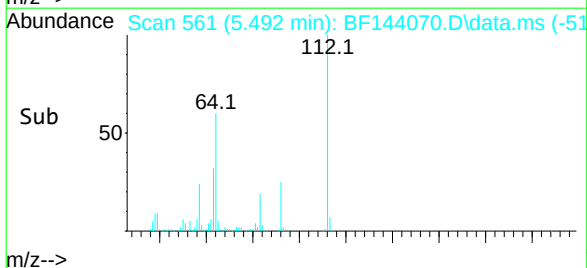
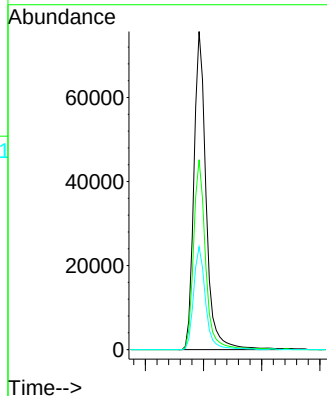
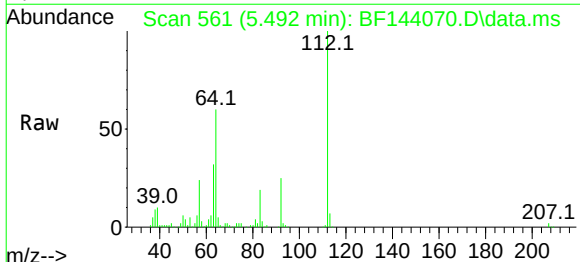
Instrument :
BNA_F
ClientSampleId :
ARS20-0037

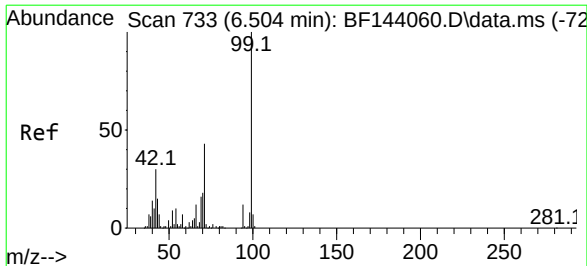
Tgt Ion:152 Resp: 35212
Ion Ratio Lower Upper
152 100
150 160.4 124.4 186.6
115 66.1 49.4 74.0



#5
2-Fluorophenol
Concen: 49.669 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

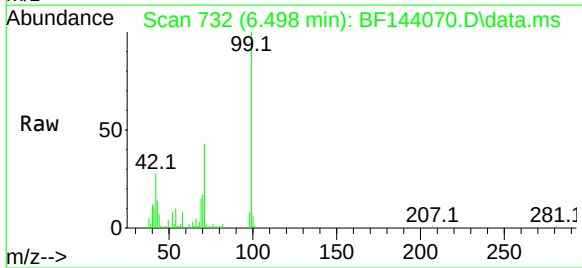
Tgt Ion:112 Resp: 110546
Ion Ratio Lower Upper
112 100
64 59.7 49.8 74.8
63 32.3 27.4 41.2



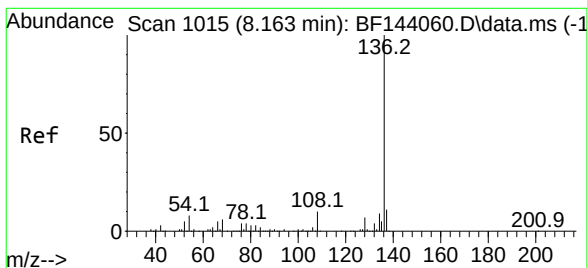
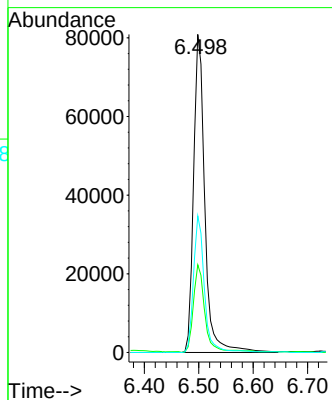
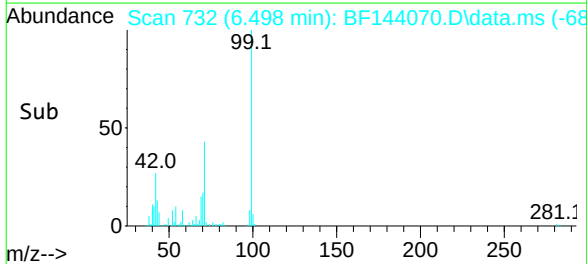


#7
Phenol-d6
Concen: 47.335 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

Instrument :
BNA_F
ClientSampleId :
ARS20-0037

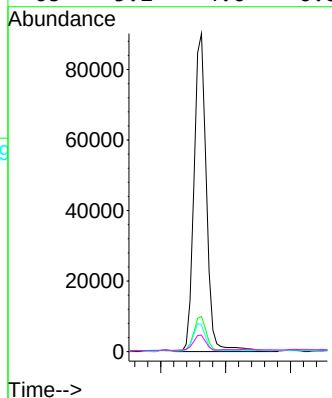
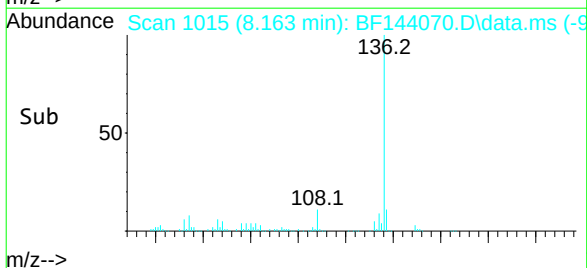
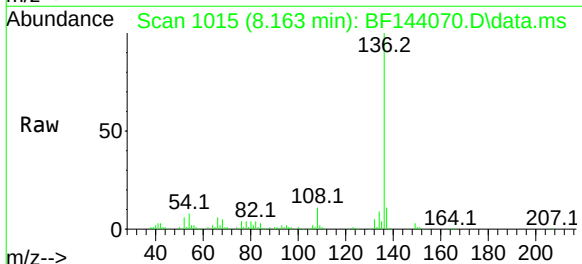


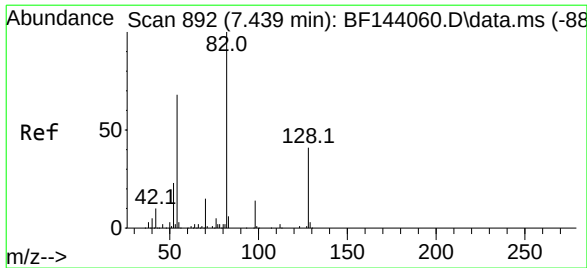
Tgt Ion: 99 Resp: 116349
Ion Ratio Lower Upper
99 100
42 27.6 23.9 35.9
71 43.0 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

Tgt Ion: 136 Resp: 119944
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 6.6 9.8
68 5.2 4.6 6.8

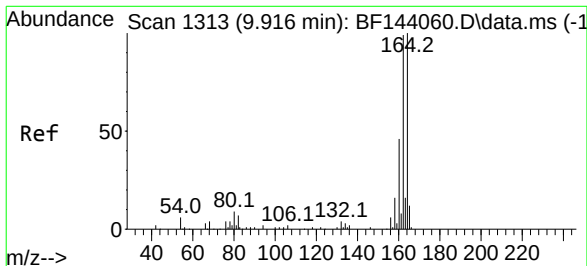
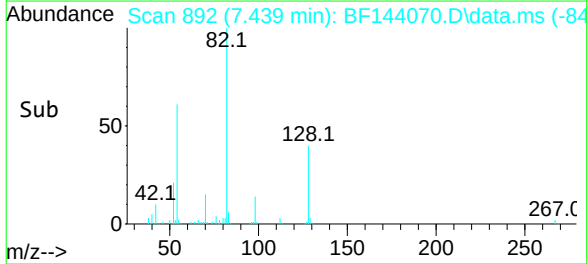
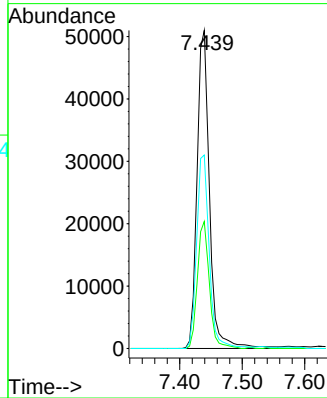
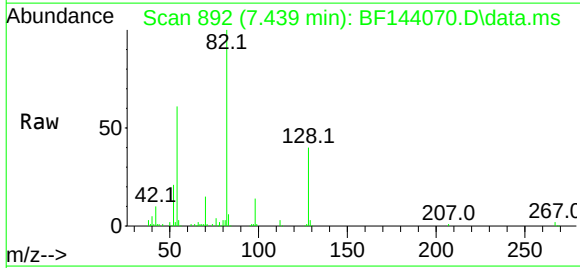




#23
Nitrobenzene-d5
Concen: 32.178 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

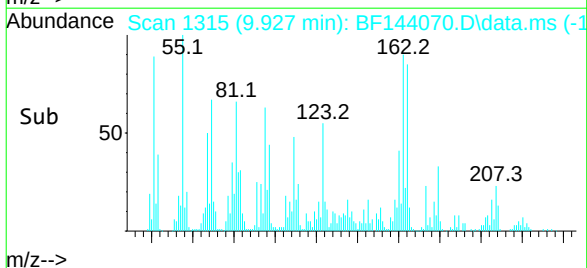
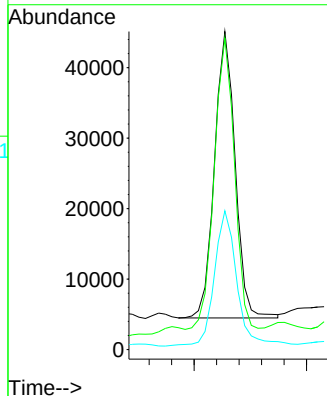
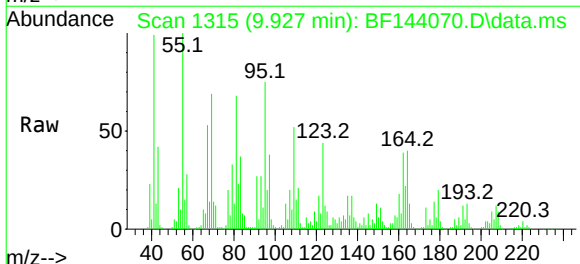
Instrument :
BNA_F
ClientSampleId :
ARS20-0037

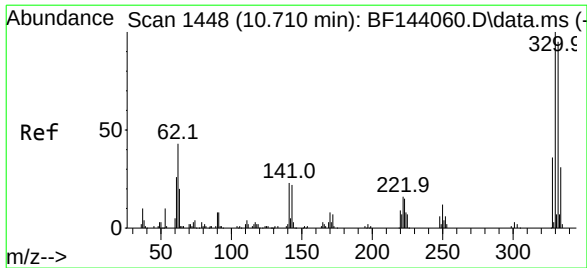
Tgt Ion:	82	Resp:	70446
Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.4	48.6
54	60.8	54.0	81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

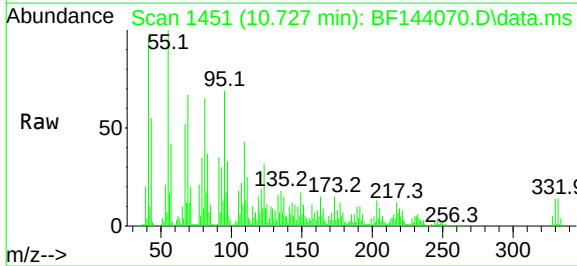
Tgt Ion:	164	Resp:	51920
Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.4	119.2
160	43.6	36.7	55.1



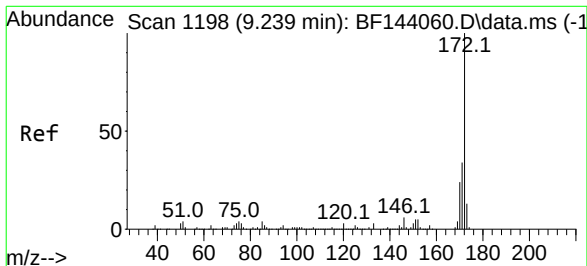
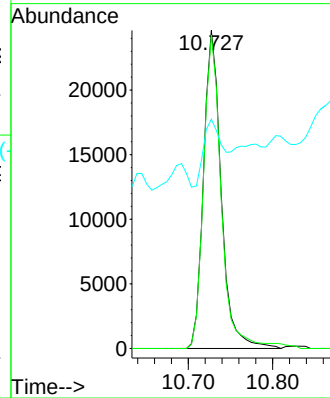
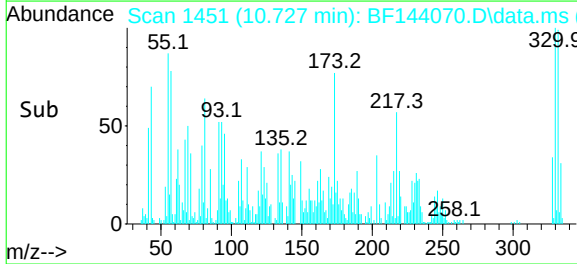


#42
2,4,6-Tribromophenol
Concen: 54.085 ng
RT: 10.727 min Scan# 1448
Delta R.T. 0.018 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

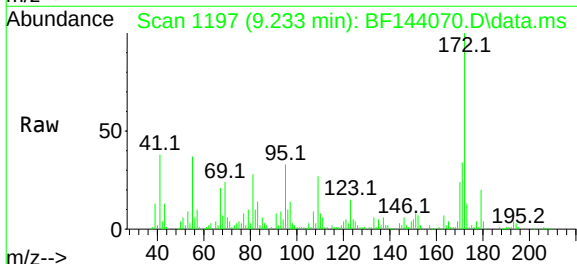
Instrument :
BNA_F
ClientSampleId :
ARS20-0037



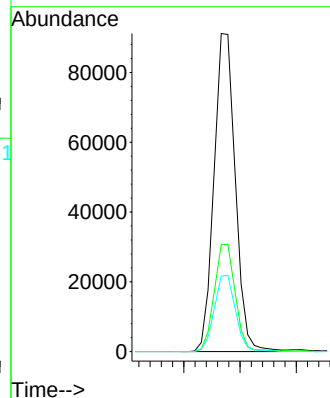
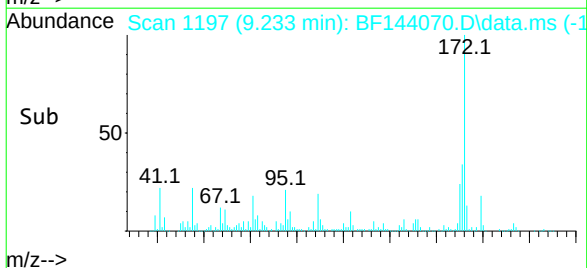
Tgt Ion: 330 Resp: 35770
Ion Ratio Lower Upper
330 100
332 99.8 77.0 115.6
141 22.0 19.4 29.0

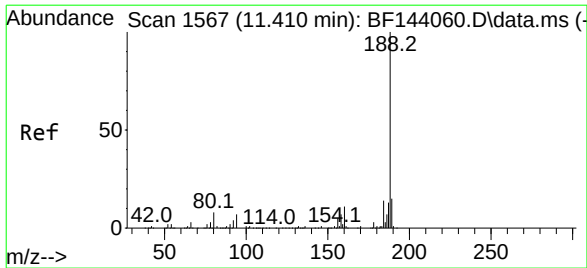


#45
2-Fluorobiphenyl
Concen: 32.519 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46



Tgt Ion: 172 Resp: 119981
Ion Ratio Lower Upper
172 100
171 33.6 27.5 41.3
170 23.7 19.0 28.6

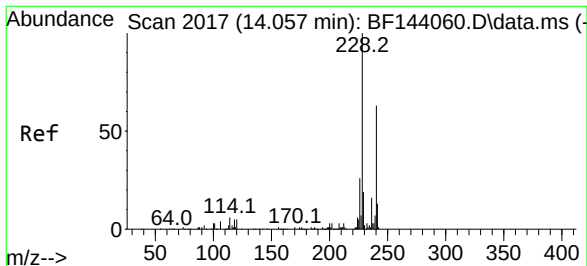
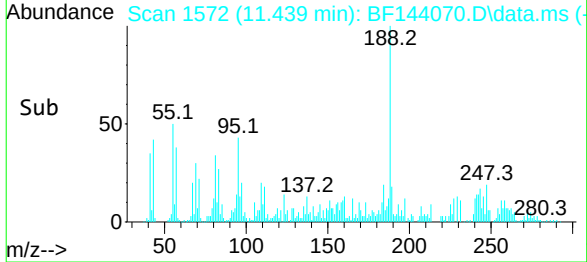
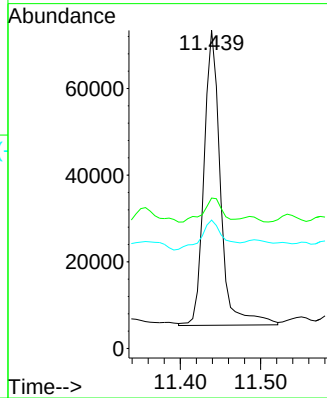
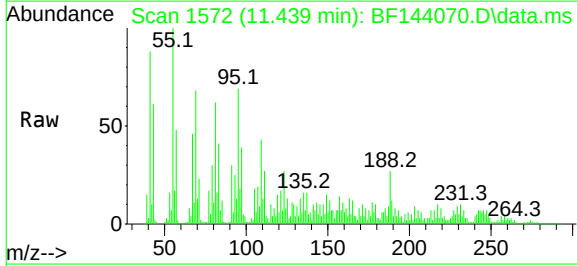




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 15
Delta R.T. 0.029 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

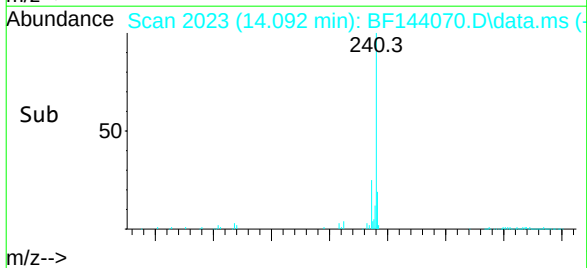
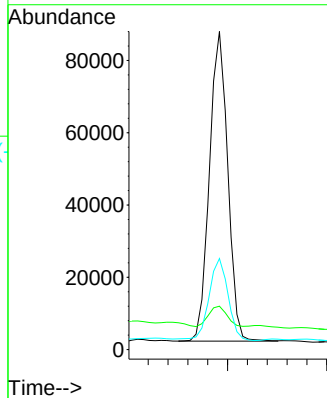
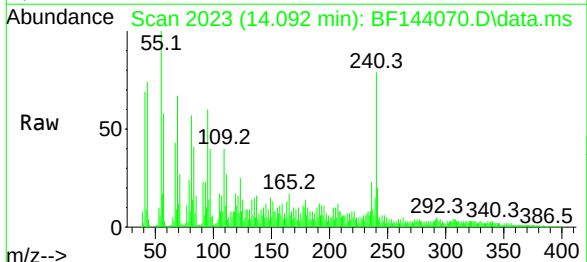
Instrument :
BNA_F
ClientSampleId :
ARS20-0037

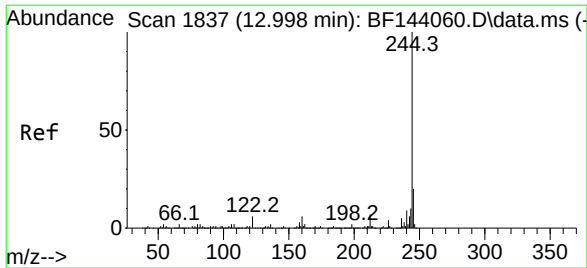
Tgt Ion:188 Resp: 96978
Ion Ratio Lower Upper
188 100
94 47.3 5.4 8.0#
80 40.4 6.0 9.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.035 min
Lab File: BF144070.D
Acq: 24 Oct 2025 19:46

Tgt Ion:240 Resp: 109976
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 28.6 20.1 30.1





#79

Terphenyl-d14

Concen: 26.689 ng

RT: 13.039 min Scan# 18

Delta R.T. 0.041 min

Lab File: BF144070.D

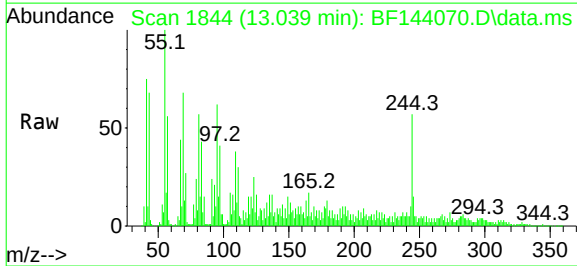
Acq: 24 Oct 2025 19:46

Instrument :

BNA_F

ClientSampleId :

ARS20-0037



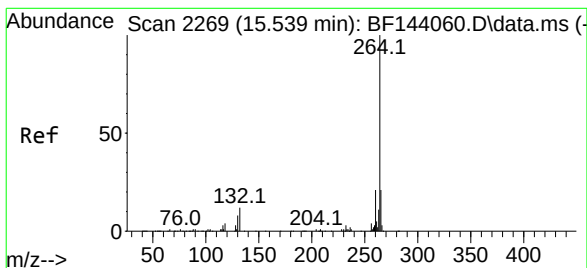
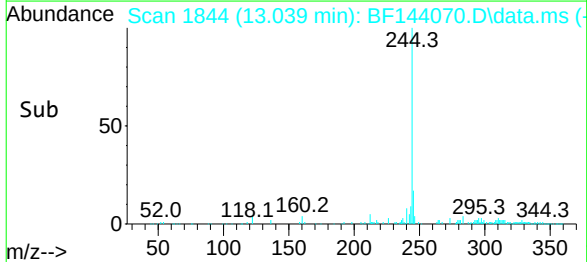
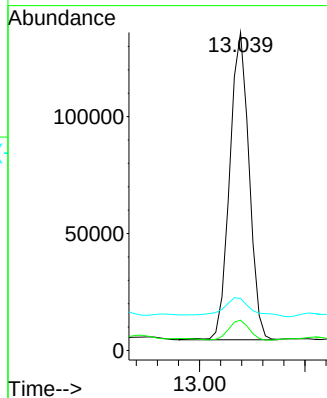
Tgt Ion:244 Resp: 167894

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.6#

122 16.4 4.9 7.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. 0.023 min

Lab File: BF144070.D

Acq: 24 Oct 2025 19:46

Tgt Ion:264 Resp: 145143

Ion Ratio Lower Upper

264 100

260 22.2 17.0 25.4

265 20.9 16.6 24.8

